

|   |  |   |                          |
|---|--|---|--------------------------|
| Form PTO-1449 (modified)  |  | Atty. Docket No.<br>UTSC:671US/GNS                | Serial No.<br>09/978,318 |
| List of Patents and Publications for Applicant's<br>INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | Applicant<br>C. Marcelo Aldaz<br>Andrzej Bednarek |                          |
|   |  | Filing Date:<br>October 15, 2001                  | Group:<br>Unknown        |
| U.S. Patent Documents<br>See Page 1   | Foreign Patent Documents<br>See Page 1 | Other Art<br>See Page 1                           |                          |

## U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|------|------|-------|-----------|---------------------|
|             | A1        |                 |      |      |       |           |                     |

## Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date     | Country                      | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|----------|------------------------------|-------|-----------|--------------------|
| SH          | B1        | PQ 4711         | 12/16/99 | Australian Prov. Patent App. |       |           |                    |
| SH          | B2        | WO 01/44466     | 6/21/01  | PCT                          |       |           |                    |

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation   |
|-------------|-----------|--|
| SH          | C1        | Aldaz <i>et al.</i> , "Comparative allelotyping of in situ and invasive human breast cancer: high frequency of microsatellite instability in lobular breast carcinomas," <i>Cancer Res.</i> , 55:3976-3981, 1995.  |
|             | C2        | Andre and Springael, "WWP, a new amino acid motif present in single or multiple copies in various proteins including dystrophin and the SH3-binding Yes- associated protein YAP65," <i>Biochem. Biophys. Res. Commun.</i> , 205(2):1201-1205, 1994.        |
|             | C3        | Bedford <i>et al.</i> , "WW domain-mediated interactions reveal a spliceosome-associated protein that binds a third class of proline-rich motif: the proline glycine and methionine-rich motif," <i>Proc. Natl. Acad. Sci. USA</i> , 95:10602-10607, 1998. |
|             | C4        | Bednarek and Aldaz, "Characterization of transcripts from a commonly deleted area of chromosome 16 (q23.3-q24.1) in human breast cancer," <i>Proc. Amer. Assoc. Cancer Res.</i> , 39:128, #872, 1998.  |
| SH          | C5        | Bednarek <i>et al.</i> , "WFOX, a novel WW domain-containing protein mapping to human chromosome 16q23.3-24.1, a region frequently affected in breast cancer," <i>Cancer Res.</i> , 60:2140-2145, 2000.  |
|             | C6        | Bednarek <i>et al.</i> , "WFOX, the FRA16D gene, behaves as a suppressor of tumor growth," <i>Cancer Res.</i> , 61:8068-8073, 2001.  |

25094759.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

|   |  |   |                          |
|---|--|---|--------------------------|
| Form PTO-1449 (modified)  |  | Atty. Docket No.<br>UTSC:671US/GNS                | Serial No.<br>09/978,318 |
| List of Patents and Publications for Applicant's<br><br>INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary) |  | Applicant<br>C. Marcelo Aldaz<br>Andrzej Bednarek |                          |
|   |  | Filing Date:<br>October 15, 2001                  | Group:<br>Unknown        |
| U.S. Patent Documents<br>See Page 1   | Foreign Patent Documents<br>See Page 1 | Other Art<br>See Page 1                           |                          |

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation  |
|-------------|-----------|---|
| 5521        | C7        | Bork and Sudol, "The WW domain: a signalling site in dystrophin?" <i>Trends Biochem. Sci.</i> , 19:531-533, 1994.   |
|             | C8        | Carter <i>et al.</i> , "Allelic loss of chromosomes 16q and 10q in human prostate cancer," <i>Proc. Natl. Acad. Sci. USA</i> , 87: 8751-8755, 1990  |
|             | C9        | Chan <i>et al.</i> , "Formin binding proteins bear WWP/WW domains that bind proline-rich peptides and functionally resemble SH3 domains," <i>EMBO J.</i> , 15(5):1045-1054, 1996.   |
|             | C10       | Chang <i>et al.</i> , "Hyaluronidase induction of a WW domain-containing oxidoreductase that enhanced tumor necrosis factor cytotoxicity," <i>J. Biol. Chem.</i> , 276:3361-3370, 2001.                                       |
|             | C11       | Chen and Sudol, "The WW domain of Yes-associated protein binds a proline-rich ligand that differs from the consensus established for Src homology 3-binding modules," <i>Proc. Natl. Acad. Sci. USA</i> , 92:7819-7823, 1995. |
|             | C12       | Chen <i>et al.</i> , "Deletion map of chromosome 16q in ductal carcinoma in situ of the breast: refining a putative tumor suppressor gene region," <i>Cancer Res.</i> 56:5605-5609, 1996.                                     |
|             | C13       | Chesi <i>et al.</i> , "Frequent dysregulation of the c-maf proto-oncogene at 16q23 by translocation to an Ig locus in multiple myeloma," <i>Blood</i> , 91:4457-4463, 1998.   |
|             | C14       | Cleton-Jansen <i>et al.</i> , "At least two different regions are involved in allelic imbalance on chromosome arm 16q in breast cancer," <i>Genes, Chromos. Cancer</i> , 9:101-107, 1994.                                     |
|             | C15       | Crawford <i>et al.</i> , "The PISSLRE gene: structure, exon skipping, and exclusion as tumor suppressor in breast cancer," <i>Genomics</i> , 56:90-97, 1999.  |
|             | C16       | Duax and Ghosh, "Structure and function of steroid dehydrogenases involved in hypertension, fertility, and cancer," <i>Steroids</i> , 62:95-100, 1997.  |
|             | C17       | Dutrillaux <i>et al.</i> , "Characterization of chromosomal anomalies in human breast cancer. A comparison of 30 paradiplod cases with few chromosome changes," <i>Cancer Genet. Cytogenet.</i> , 49:203-217, 1990.           |
|             | C18       | GenBank Accession Number AF179633   |
|             | C19       | GenBank Accession Number AF211943   |
|             | C20       | GenBank Accession Number AF212843   |
|             | C21       | GenBank Accession Number AF227526   |

25094759.1

EXAMINER: *Shluff*

DATE CONSIDERED:

6/18/04

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

|   |  |   |                          |
|---|--|---|--------------------------|
| Form PTO-1449 (modified)  |  | Atty. Docket No.<br>UTSC:671US/GNS                | Serial No.<br>09/978,318 |
| List of Patents and Publications for Applicant's<br>INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | Applicant<br>C. Marcelo Aldaz<br>Andrzej Bednarek |                          |
|   |  | Filing Date:<br>October 15, 2001                  | Group:<br>Unknown        |
| U.S. Patent Documents<br>See Page 1   | Foreign Patent Documents<br>See Page 1 | Other Art<br>See Page 1                           |                          |

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation  |
|-------------|-----------|---|
| SR          | C22       | GenBank Accession Number AF227527   |
|             | C23       | GenBank Accession Number AF227528   |
|             | C24       | GenBank Accession Number AF395123   |
|             | C25       | GenBank Accession Number AF395124   |
|             | C26       | GenBank Accession Number U13395, locus ID 9621  |
|             | C27       | Jornvall <i>et al.</i> , "Short-chain dehydrogenases/reductases (SDR)," <i>Biochemistry</i> , 34:6003-6013, 1995.   |
|             | C28       | Krummel <i>et al.</i> , "The characterization of the common fragile site FRA16D and its involvement in multiple myeloma translocations," <i>Genomics</i> , 69:37-46, 2000.  |
|             | C29       | Lu <i>et al.</i> , "Function of WW domains as phosphoserine- or phosphothreonine-binding modules," <i>Science</i> , 283:1325-1328, 1999.  |
|             | C30       | Mangelsdorf <i>et al.</i> , "Chromosomal fragile site FRA16D and DNA instability in cancer," <i>Cancer Res.</i> , 60: 1683-1689, 2000.  |
|             | C31       | Paige <i>et al.</i> , "A 700-kb physical map of a region of 16q23.2 homozygously deleted in multiple cancers and spanning the common fragile site FRA16D," <i>Cancer Res.</i> 60:1690-1697, 2000.   |
|             | C32       | Paige <i>et al.</i> , "WFOX: A candidate tumor suppressor gene involved in multiple tumor types," <i>Proc. Natl. Acad. Sci. USA</i> , 98:11417-11422, 2001  |
|             | C33       | Pandis <i>et al.</i> , "Whole-arm t(1;16) and i(1q) as sole anomalies identify gain of 1q as a primary chromosomal abnormality in breast cancer," <i>Genes Chromosomes Cancer</i> , 5:235-238, 1992.  |
|             | C34       | Price <i>et al.</i> , "Tumorigenicity and metastasis of human breast carcinoma cell lines in nude mice," <i>Cancer Res.</i> 50:717-721, 1990.   |
|             | C35       | Richards, "Fragile and unstable chromosomes in cancer: causes and consequences," <i>Trends Genet.</i> , 17:339-345, 2001.   |
| SR          | C36       | Ried <i>et al.</i> , "Common chromosomal fragile site FRA16D sequence: identification of the FOR gene spanning FRA16D and homozygous deletions and translocation breakpoints in cancer cells," <i>Human Molecular Genetics</i> , 9(11):1651-1663, 2000. |

25094759.1

EXAMINER:

Shuff

DATE CONSIDERED:

6/18/04

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

|  |  |   |                          |
|--|--|---|--------------------------|
| Form PTO-1449 (modified)                       |  | Atty. Docket No.<br>UTSC:671US/GNS                | Serial No.<br>09/978,318 |
| List of Patents and Publications for Applicant |  | Applicant<br>C. Marcelo Aldaz<br>Andrzej Bednarek |                          |
| INFORMATION DISCLOSURE STATEMENT               |  | Filing Date:<br>October 15, 2001                  | Group:<br>Unknown        |
| (Use several sheets if necessary)              |  |   |                          |
| U.S. Patent Documents<br>See Page 1            | Foreign Patent Documents<br>See Page 1 | Other Art<br>See Page 1                           |                          |

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation  |
|-------------|-----------|---|
| 5TH         | C37       | Sato <i>et al.</i> , "Allelotype of breast cancer: cumulative allele losses promote tumor progression in primary breast cancer," <i>Cancer Res.</i> , 50:7184-7189, 1990.   |
|             | C38       | Savino <i>et al.</i> , "Characterization of copine VII, a new member of the copine family, and its exclusion as a candidate in sporadic breast cancers with loss of heterozygosity at 16q24.3," <i>Genomics</i> , 61:219-226, 1999. |
|             | C39       | Smith <i>et al.</i> , "Common fragile sites and cancer (Review)," <i>Int. J. Oncol.</i> , 12:187-196, 1998.   |
|             | C40       | Staub <i>et al.</i> , "WW domains of Nedd4 bind to the proline-rich PY motifs in the epithelial Na <sup>+</sup> channel deleted in Liddle's syndrome," <i>Embo. J.</i> , 15:2371-2380, 1996.  |
|             | C41       | Sudol and Hunter, "NeW wrinkles for an old domain," <i>Cell</i> , 103:1001-1004, 2000.  |
|             | C42       | Sudol <i>et al.</i> , "Characterization of the mammalian YAP (Yes-associated protein) gene and its role in defining a novel protein module, the WW domain," <i>J. Biol. Chem.</i> , 270:14733-14741, 1995.                          |
|             | C43       | Sudol, "Yes-associated protein (YAP65) is a proline-rich phosphoprotein that binds to the SH3 domain of the Yes proto-oncogene product," <i>Oncogene</i> , 9:2145-2152, 1994.   |
|             | C44       | Sutherland <i>et al.</i> , "Fragile sites still breaking," <i>Trends Genet.</i> , 14:501-506, 1998.   |
|             | C45       | Tsuda <i>et al.</i> , "Allele loss on chromosome 16q24..2-qter occurs frequently in breast cancer irrespectively of differences in phenotype and extent of spread," <i>Cancer Res.</i> , 54: 513-517, 1994.                         |
|             | C46       | Whitmore <i>et al.</i> , "Construction of a high-resolution physical and transcription map of chromosome 16q24.3: a region of frequent loss of heterozygosity in sporadic breast cancer," <i>Genomics</i> , 50:1-8, 1998.           |

25094759.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.